```
EEEEEEEEEEEEEEEE   RRRRRRRRRRRR        FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEE   RRRRRRRRRRRR        FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEE   RRRRRRRRRRRR        FFFFFFFFFFFFFFF
EEE                RRR       RRR       FFF
EEE                RRR       RRR       FFF
EEE                RRR       RRR       FFF
EEE                RRR       RRR       FFF
EEE                RRR       RRR       FFF
EEE                RRR       RRR       FFF
EEEEEEEEEEEE       RRRRRRRRRRRR        FFFFFFFFFFFF
EEEEEEEEEEEE       RRRRRRRRRRRR        FFFFFFFFFFFF
EEEEEEEEEEEE       RRRRRRRRRRRR        FFFFFFFFFFFF
EEE                RRR   RRR           FFF
EEE                RRR   RRR           FFF
EEE                RRR   RRR           FFF
EEE                RRR      RRR        FFF
EEE                RRR      RRR        FFF
EEE                RRR      RRR        FFF
EEEEEEEEEEEEEEEE   RRR         RRR     FFF
EEEEEEEEEEEEEEEE   RRR         RRR     FFF
EEEEEEEEEEEEEEEE   RRR         RRR     FFF
```

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EEEEEEEEEE   RRRRRRRR    FFFFFFFFFF  DDDDDDDD    IIIIII      SSSSSSSS   KK        KK
EEEEEEEEEE   RRRRRRRR    FFFFFFFFFF  DDDDDDDD    IIIIII      SSSSSSSS   KK        KK
EE           RR      RR  FF          DD      DD    II      SS          KK      KK
EE           RR      RR  FF          DD      DD    II      SS          KK      KK
EE           RR      RR  FF          DD      DD    II      SS          KK    KK
EE           RR      RR  FF          DD      DD    II      SS          KK    KK
EEEEEEE      RRRRRRRR    FFFFFFF     DD      DD    II        SSSSSS     KKKKK
EEEEEEE      RRRRRRRR    FFFFFFF     DD      DD    II        SSSSSS     KKKKK
EE           RR  RR      FF          DD      DD    II            SS   KK    KK
EE           RR   RR     FF          DD      DD    II            SS   KK    KK
EE           RR    RR    FF          DD      DD    II            SS   KK      KK      ....
EE           RR     RR   FF          DD      DD    II            SS   KK      KK      ....
EEEEEEEEEE   RR      RR  FF          DDDDDDDD    IIIIII      SSSSSSSS   KK      KK      ....
EEEEEEEEEE   RR      RR  FF          DDDDDDDD    IIIIII      SSSSSSSS   KK      KK      ....


MM      MM   AAAAAA     PPPPPPPP
MM      MM   AAAAAA     PPPPPPPP
MMMM  MMMM  AA      AA  PP      PP
MMMM  MMMM  AA      AA  PP      PP
MM  MM  MM  AA      AA  PP      PP
MM  MM  MM  AA      AA  PP      PP
MM      MM  AA      AA  PPPPPPPP
MM      MM  AA      AA  PPPPPPPP
MM      MM  AAAAAAAAAA  PP
MM      MM  AAAAAAAAAA  PP
MM      MM  AA      AA  PP
MM      MM  AA      AA  PP
MM      MM  AA      AA  PP
MM      MM  AA      AA  PP
```

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                                  +-----------------------------+
                                  ! Object Module Synopsis !
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Module Name      Ident            Bytes      File                                    Creation Date        Creator
-----------      -----            -----      ----                                    -------------        -------
ERFSHR           V04-000              0  _$255$DUA28:[ERF.OBJ]ERFSHR.EXE;1         16-SEP-1984 04:31    VAX-11 Linker V04-00
FORRTL           V04-000              0  _$255$DUA28:[SYSLIB]FORRTL.EXE;1          16-SEP-1984 04:07    VAX-11 Linker V04-00
LIBRTL           V04-000              0  _$255$DUA28:[SYSLIB]LIBRTL.EXE;1          16-SEP-1984 04:00    VAX-11 Linker V04-00
MTHRTL           V04-000              0  _$255$DUA28:[SYSLIB]MTHRTL.EXE;1          16-SEP-1984 04:04    VAX-11 Linker V04-00
ERFCOMMON        V04-000              0  _$255$DUA28:[ERF.OBJ]ERFCOMMON.EXE;1      16-SEP-1984 04:31    VAX-11 Linker V04-00
ERFDISKVECT      V04-000             64  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            15-SEP-1984 23:56    VAX/VMS Macro V04-00
ERFDSKINI        01                 156  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:03    VAX-11 FORTRAN V3.4-56
DBDRIVER_QIO     01                2112  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:06    VAX-11 FORTRAN V3.4-56
DRDRIVER_QIO     01                2113  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:06    VAX-11 FORTRAN V3.4-56
DQDISKS          01                6979  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:02    VAX-11 FORTRAN V3.4-56
DQDISKS_QIO      01                2058  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:02    VAX-11 FORTRAN V3.4-56
MASSDISK         01               14743  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:06    VAX-11 FORTRAN V3.4-56
ML11             01                6076  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:09    VAX-11 FORTRAN V3.4-56
ML11_QIO         01                2112  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:09    VAX-11 FORTRAN V3.4-56
RKDISK           01                7954  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:13    VAX-11 FORTRAN V3.4-56
RKDISK_QIO       01                2098  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:13    VAX-11 FORTRAN V3.4-56
RLDISK           01                5187  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:13    VAX-11 FORTRAN V3.4-56
RLDISK_QIO       01                2052  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:13    VAX-11 FORTRAN V3.4-56
RXDISK           01                6123  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:14    VAX-11 FORTRAN V3.4-56
RXDISK_QIO       01                2028  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:14    VAX-11 FORTRAN V3.4-56
TUTAPE           01                6673  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:16    VAX-11 FORTRAN V3.4-56
TUTAPE_QIO       01                2028  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:16    VAX-11 FORTRAN V3.4-56
MBA_CONTROL_REGISTERS
                 01                 901  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:23    VAX-11 FORTRAN V3.4-56
MBA_MAPPING_REGISTER
                 01                 873  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:23    VAX-11 FORTRAN V3.4-56
MBA_STATUS_REGISTER16_31
                 01                 692  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:23    VAX-11 FORTRAN V3.4-56
OUTPUTD          01                 135  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:27    VAX-11 FORTRAN V3.4-56
RH780_CONTROL_REGISTERS
                 01                1947  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:23    VAX-11 FORTRAN V3.4-56
RH780_MAPPING_REGISTER
                 01                 500  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:23    VAX-11 FORTRAN V3.4-56
RH780_STATUS_REGISTER16_31
                 01                 400  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:23    VAX-11 FORTRAN V3.4-56
RH750_CONTROL_REGISTERS
                 01                2021  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:23    VAX-11 FORTRAN V3.4-56
RH750_MAPPING_REGISTER
                 01                 500  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:23    VAX-11 FORTRAN V3.4-56
RH750_STATUS_REGISTER16_31
                 01                 560  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:23    VAX-11 FORTRAN V3.4-56
VECMAPREG        01                1184  _$255$DUA28:[ERF.OBJ]ERF.OLB;1            16-Sep-1984 00:31    VAX-11 FORTRAN V3.4-56
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Module Name	Ident	Bytes	File	Creation Date	Creator

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                              +--------------------------------------------+
                              ! Module Relocatable Reference Synopsis !
                              +--------------------------------------------+
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Module Name	Number	Module Name	Number	Module Name	Number
DBDRIVER_QIO	2	DRDRIVER_QIO	2	DQDISKS	245
DQDISKS_QIO	2	MASSDISK	482	ML11	197
ML11_QIO	2	RKDISK	173	RKDISK_QIO	2
RLDISK	140	RLDISK_QIO	2	RXDISK	171
RXDISK_QIO	2	TUTAPE	114	TUTAPE_QIO	2
MBA_CONTROL_REGISTERS	5	MBA_MAPPING_REGISTER	4	MBA_STATUS_REGISTER16_31	4
OUTPUTD	2	RH780_CONTROL_REGISTERS	33	RH780_MAPPING_REGISTER	9
RH780_STATUS_REGISTER16_31	15	RH750_CONTROL_REGISTERS	47	RH750_MAPPING_REGISTER	9
RH750_STATUS_REGISTER16_31	29	VECMAPREG	39		

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                              +-----------------------------+
                              ! Image Section Synopsis !
                              +-----------------------------+

   Cluster        Type Pages  Base Addr  Disk VBN PFC Protection and Paging    Global Sec. Name  Match       Majorid  Minorid
   -------        ---- -----  ---------  -------- --- -----------------------  ----------------  -----       -------  -------

ERFSHR              1     2   00000000-R     0    0 READ ONLY                  ERFSHR_001        LESS/EQUAL       1        0
                    2     2   00000400-R     0    0 READ ONLY                  ERFSHR_002        LESS/EQUAL       1        0
                    4    17   00000800-R     0    0 READ WRITE   COPY ON REF   ERFSHR_003        LESS/EQUAL       1        0
                    4    40   00002A00-R     0    0 READ WRITE   COPY ON REF   ERFSHR_004        LESS/EQUAL       1        0
                    4    53   00007A00-R     0    0 READ ONLY                  ERFSHR_005        LESS/EQUAL       1        0
                    4     4 P-0000E400-R     0    0 READ ONLY                  ERFSHR_006        LESS/EQUAL       1        0
                    2    10   0000EC00-R     0    0 READ WRITE   FIXUP VECTORS ERFSHR_007        LESS/EQUAL       1        0

FORRTL              3    63   00000000-R     0    0 READ ONLY                  FORRTL_001        LESS/EQUAL       1      100
                    4     2   00007E00-R     0    0 READ WRITE   COPY ON REF   FORRTL_002        LESS/EQUAL       1      100
                    2     1   00008200-R     0    0 READ WRITE   FIXUP VECTORS FORRTL_003        LESS/EQUAL       1      100

LIBRTL              3   111   00000000-R     0    0 READ ONLY                  LIBRTL_001        LESS/EQUAL       1       11
                    4     1   0000DE00-R     0    0 READ WRITE DEMAND ZERO     LIBRTL_002        LESS/EQUAL       1       11

MTHRTL              3   115   00000000-R     0    0 READ ONLY                  MTHRTL_001        LESS/EQUAL     129    32778
                    2     1   0000E600-R     0    0 READ WRITE   FIXUP VECTORS MTHRTL_002        LESS/EQUAL     129    32778

ERFCOMMON           4    13   00000000-R     0    0 READ WRITE   COPY ON REF   ERFCOMMON_001     LESS/EQUAL       1        0

DEFAULT_CLUSTER     2     1   00000000-R     2    0 READ ONLY
                    4    15   00000200-R     3    0 READ ONLY
                    4    58   00002000-R    18    0 READ WRITE   COPY ON REF
                    4    56   00009400-R    76    0 READ ONLY
                    2    15   00010400-R   132    0 READ WRITE   FIXUP VECTORS


        Key for special characters above:
        +--------------------+
        ! R  - Relocatable !
        ! P  - Protected   !
        +--------------------+
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                                    +-------------------------------+
                                    ! Program Section Synopsis !
                                    +-------------------------------+

Psect Name        Module Name        Base      End       Length            Align              Attributes
----------        -----------        ----      ---       ------            -----              ----------

$$ERFDISKVECT                        00000000  0000003F  00000040 (          64.) BYTE 0  NOPIC,USR,CON,REL,LCL,NOSHR,    EXE,  RD,NOWRT,NOVEC
                  ERFDISKVECT        00000000  0000003F  00000040 (          64.) BYTE 0

$PDATA                               00000200  00001E0B  00001C0C (        7180.) LONG 2   PIC,USR,CON,REL,LCL,NOSHR,NOEXE,   RD,NOWRT,NOVEC
                  ERFDSKINI          00000200  00000200  00000000 (           0.) LONG 2
                  DBDRIVER_QIO       00000200  00000207  00000008 (           8.) LONG 2
                  DRDRIVER_QIO       00000208  0000020F  00000008 (           8.) LONG 2
                  DQDISKS            00000210  00000489  0000027A (         634.) LONG 2
                  DQDISKS_QIO        0000048C  00000493  00000008 (           8.) LONG 2
                  MASSDISR           00000494  00000989  000004F6 (        1270.) LONG 2
                  ML11               0000098C  00000C6E  000002E3 (         739.) LONG 2
                  ML11_QIO           00000C70  00000C77  00000008 (           8.) LONG 2
                  RKDISK             00000C78  00000F8C  00000315 (         789.) LONG 2
                  RKDISK_QIO         00000F90  00000F97  00000008 (           8.) LONG 2
                  RLDISK             00000F98  0000117E  000001E7 (         487.) LONG 2
                  RLDISK_QIO         00001180  00001187  00000008 (           8.) LONG 2
                  RXDISK             00001188  00001549  000003C2 (         962.) LONG 2
                  RXDISK_QIO         0000154C  00001553  00000008 (           8.) LONG 2
                  TUTAPE             00001554  000018DD  0000038A (         906.) LONG 2
                  TUTAPE_QIO         000018E0  000018E7  00000008 (           8.) LONG 2
                  MBA_CONTROL_REGISTERS
                                     000018E8  00001910  00000029 (          41.) LONG 2
                  MBA_MAPPING_REGISTER
                                     00001914  00001959  00000046 (          70.) LONG 2
                  MBA_STATUS_REGISTER16_31
                                     0000195C  00001963  00000008 (           8.) LONG 2
                  OUTPUTD            00001964  00001973  00000010 (          16.) LONG 2
                  RH780_CONTROL_REGISTERS
                                     00001974  00001AB6  00000143 (         323.) LONG 2
                  RH780_MAPPING_REGISTER
                                     00001AB8  00001B34  0000007D (         125.) LONG 2
                  RH780_STATUS_REGISTER16_31
                                     00001B38  00001B49  00000012 (          18.) LONG 2
                  RH750_CONTROL_REGISTERS
                                     00001B4C  00001C7D  00000132 (         306.) LONG 2
                  RH750_MAPPING_REGISTER
                                     00001C80  00001CFC  0000007D (         125.) LONG 2
                  RH750_STATUS_REGISTER16_31
                                     00001D00  00001D15  00000016 (          22.) LONG 2
                  VECMAPREG          00001D18  00001E0B  000000F4 (         244.) LONG 2

$LOCAL                               00002000  00009383  00007384 (       29572.) LONG 2   PIC,USR,CON,REL,LCL,NOSHR,NOEXE,   RD,  WRT,NOVEC
                  ERFDSKINI          00002000  00002087  00000088 (         136.) LONG 2
                  DBDRIVER_QIO       00002088  000022AB  00000224 (         548.) LONG 2
                  DRDRIVER_QIO       000022AC  000024CF  00000224 (         548.) LONG 2
                  DQDISKS            000024D0  0000306B  00000B9C (        2972.) LONG 2
                  DQDISKS_QIO        0000306C  0000328F  00000224 (         548.) LONG 2
                  MASSDISR           00003290  00004D7F  00001AF0 (        6896.) LONG 2
```

Psect Name	Module Name	Base	End	Length		Align	Attributes
$LOCAL		00002000	00009383	00007384 (	29572.)	LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	ML11	00004D80	000055C3	00000844 (	2116.)	LONG 2	
	ML11_QIO	000055C4	000057E7	00000224 (	548.)	LONG 2	
	RKDISK	000057E8	000066AB	00000EC4 (	3780.)	LONG 2	
	RKDISK_QIO	000066AC	000068CF	00000224 (	548.)	LONG 2	
	RLDISK	000068D0	00007057	00000788 (	1928.)	LONG 2	
	RLDISK_QIO	00007058	0000727B	00000224 (	548.)	LONG 2	
	RXDISK	0000727C	00007A73	000007F8 (	2040.)	LONG 2	
	RXDISK_QIO	00007A74	00007C97	00000224 (	548.)	LONG 2	
	TUTAPE	00007C98	0000846F	000007D8 (	2008.)	LONG 2	
	TUTAPE_QIO	00008470	00008693	00000224 (	548.)	LONG 2	
	MBA_CONTROL_REGISTERS						
		00008694	000086FB	00000068 (	104.)	LONG 2	
	MBA_MAPPING_REGISTER						
		000086FC	00008733	00000038 (	56.)	LONG 2	
	MBA_STATUS_REGISTER16_31						
		00008734	0000875B	00000028 (	40.)	LONG 2	
	OUTPUTD	0000875C	0000877B	00000020 (	32.)	LONG 2	
	RH780_CONTROL_REGISTERS						
		0000877C	00008A87	0000030C (	780.)	LONG 2	
	RH780_MAPPING_REGISTER						
		00008A88	00008AE7	00000060 (	96.)	LONG 2	
	RH780_STATUS_REGISTER16_31						
		00008AE8	00008C37	00000150 (	336.)	LONG 2	
	RH750_CONTROL_REGISTERS						
		00008C38	00008FB7	00000380 (	896.)	LONG 2	
	RH750_MAPPING_REGISTER						
		00008FB8	00009017	00000060 (	96.)	LONG 2	
	RH750_STATUS_REGISTER16_31						
		00009018	000091D3	000001BC (	444.)	LONG 2	
	VECMAPREG	000091D4	00009383	000001B0 (	432.)	LONG 2	
$CODE		00009400	0001030F	00006F10 (	28432.)	LONG 2	PIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	ERFDSKINI	00009400	00009413	00000014 (	20.)	LONG 2	
	DBDRIVER_QIO	00009414	00009548	00000135 (	309.)	LONG 2	
	DRDRIVER_QIO	0000954C	00009681	00000136 (	310.)	LONG 2	
	DQDISKS	00009684	0000A1B0	00000B2D (	2861.)	LONG 2	
	DQDISKS_QIO	0000A1B4	0000A2B2	000000FF (	255.)	LONG 2	
	MASSDISK	0000A2B4	0000BA64	000017B1 (	6065.)	LONG 2	
	ML11	0000BA68	0000C4FC	00000A95 (	2709.)	LONG 2	
	ML11_QIO	0000C500	0000C634	00000135 (	309.)	LONG 2	
	RKDISK	0000C638	0000D170	00000B39 (	2873.)	LONG 2	
	RKDISK_QIO	0000D174	0000D29A	00000127 (	295.)	LONG 2	
	RLDISK	0000D29C	0000DB6F	000008D4 (	2260.)	LONG 2	
	RLDISK_QIO	0000DB70	0000DC68	000000F9 (	249.)	LONG 2	
	RXDISK	0000DC6C	0000E69C	00000A31 (	2609.)	LONG 2	
	RXDISK_QIO	0000E6A0	0000E780	000000E1 (	225.)	LONG 2	
	TUTAPE	0000E784	0000F432	00000CAF (	3247.)	LONG 2	
	TUTAPE_QIO	0000F434	0000F514	000000E1 (	225.)	LONG 2	
	MBA_CONTROL_REGISTERS						
		0000F518	0000F60B	000000F4 (	244.)	LONG 2	
	MBA_MAPPING_REGISTER						

Psect Name	Module Name	Base	End	Length		Align	Attributes
\$CODE		00009400	0001030F	00006F10 (	28432.)	LONG 2	PIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
		0000F60C	0000F6F6	000000EB (	235.)	LONG 2	
	MBA_STATUS_REGISTER16_31						
		0000F6F8	0000F77B	00000084 (	132.)	LONG 2	
	OUTPUTD	0000F77C	0000F7D2	00000057 (	87.)	LONG 2	
	RH780_CONTROL_REGISTERS						
		0000F7D4	0000FB1F	0000034C (	844.)	LONG 2	
	RH780_MAPPING_REGISTER						
		0000FB20	0000FC36	00000117 (	279.)	LONG 2	
	RH780_STATUS_REGISTER16_31						
		0000FC38	0000FC65	0000002E (	46.)	LONG 2	
	RH750_CONTROL_REGISTERS						
		0000FC68	0000FF9A	00000333 (	819.)	LONG 2	
	RH750_MAPPING_REGISTER						
		0000FF9C	000100B2	00000117 (	279.)	LONG 2	
	RH750_STATUS_REGISTER16_31						
		000100B4	00010111	0000005E (	94.)	LONG 2	
	VECMAPREG	00010114	0001030F	000001FC (	508.)	LONG 2	

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                              +-----------------------------+
                              ! Symbol Cross Reference !
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Symbol	Value	Defined By	Referenced By ...
CALC_MAP	0001048C-RX	ERFSHR	DQDISKS
			RKDISK
			RLDISK
CALC_MAP2	00010484-RX	ERFSHR	DQDISKS
			RKDISK
			RLDISK
COMPRESS4	000104A4-RX	ERFSHR	DQDISKS
			MASSDISK
			MBA_CONTROL_REGISTERS
			MBA_MAPPING_REGISTER
			ML11
			RH750_CONTROL_REGISTERS
			RH750_MAPPING_REGISTER
			RH780_CONTROL_REGISTERS
			RH780_MAPPING_REGISTER
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
			VECMAPREG
COMPRESSC	000104A0-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			OUTPUTD
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
COMPRESSF	00010448-RX	ERFSHR	RH750_MAPPING_REGISTER
			RH780_MAPPING_REGISTER
DBDRIVER_QIO	00009414-R	DBDRIVER_QIO	MASSDISK
DHEAD1	00010498-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
DISKINIT	00000000-R	ERFDISKVECT	
DQDISKS	00009684-RU	DQDISKS	ERFDISKVECT
DQDISKS_QIO	0000A1B4-R	DQDISKS_QIO	DQDISKS
DRDRIVER_QIO	0000954C-R	DRDRIVER_QIO	MASSDISK
ERFDSKINI	00009400-RU	ERFDSKINI	ERFDISKVECT
FOR$INI_DES1_R2	000104B8-RX	FORRTL	MBA_CONTROL_REGISTERS
FOR$IO_B_R	000104BC-RX	FORRTL	TUTAPE
FOR$IO_END	000104D4-RX	FORRTL	DQDISKS
			MASSDISK
			MBA_CONTROL_REGISTERS
			MBA_MAPPING_REGISTER

Symbol	Value	Defined By	Referenced By ...
			ML11
			OUTPUTD
			RH750_CONTROL_REGISTERS
			RH750_MAPPING_REGISTER
			RH780_CONTROL_REGISTERS
			RH780_MAPPING_REGISTER
			RKDISR
			RLDISK
			RXDISK
			TUTAPE
			VECMAPREG
FOR$IO_F_R	000104B4-RX	FORRTL	RH750_MAPPING_REGISTER
FOR$IO_L_R	000104D0-RX	FORRTL	RH780_MAPPING_REGISTER
			DQDISRS
			MASSDISK
			MBA_CONTROL_REGISTERS
			MBA_MAPPING_REGISTER
			ML1T
			RH750_CONTROL_REGISTERS
			RH750_MAPPING_REGISTER
			RH780_CONTROL_REGISTERS
			RH780_MAPPING_REGISTER
			RKDISR
			RLDISK
			RXDISK
			TUTAPE
			VECMAPREG
FOR$IO_L_V	000104CC-RX	FORRTL	DQDISKS
			RKDISK
			RXDISK
FOR$IO_T_DS	000104C8-RX	FORRTL	DQDISKS
			MASSDISK
			MBA_CONTROL_REGISTERS
			ML1T
			OUTPUTD
			RH750_CONTROL_REGISTERS
			RH750_MAPPING_REGISTER
			RH780_CONTROL_REGISTERS
			RH780_MAPPING_REGISTER
			RKDISR
			RLDISK
			RXDISK
			TUTAPE
			VECMAPREG
FOR$IO_W_R	000104C0-RX	FORRTL	RXDISK
FOR$WRITE_SF	000104C4-RX	FORRTL	DQDISKS
			MASSDISK
			MBA_CONTROL_REGISTERS
			MBA_MAPPING_REGISTER
			ML1T
			OUTPUTD
			RH750_CONTROL_REGISTERS

Symbol	Value	Defined By	Referenced By ...
			RH750_MAPPING_REGISTER
			RH780_CONTROL_REGISTERS
			RH780_MAPPING_REGISTER
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
			VECMAPREG
FRCTOF	0001049C-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
IRP\$L_PID	00010454-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
IRP\$Q_IOSB	00010450-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
IRP\$W_BCNT	0001045C-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
IRP\$W_BOFF	00010458-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
IRP\$W_FUNC	000104A8-RX	ERFSHR	DBDRIVER_QIO
			DQDISKS_QIO
			DRDRIVER_QIO
			ML11_QIO
			RKDISK_QIO
			RLDISK_QIO
			RXDISK_QIO
			TUTAPE_QIO
LIB\$EXTV	000104E0-RX	LIBRTL	RH750_CONTROL_REGISTERS

Symbol	Value	Defined By	Referenced By ...
LIB$EXTZV	000104EC-RX	LIBRTL	RH780_CONTROL_REGISTERS
			DBDRIVER_QIO
			DQDISKS
			DQDISKS_QIO
			DRDRIVER_QIO
			MASSDISK
			MBA_CONTROL_REGISTERS
			MBA_MAPPING_REGISTER
			MBA_STATUS_REGISTER16_31
			ML11
			ML11_QIO
			RH750_CONTROL_REGISTERS
			RH750_MAPPING_REGISTER
			RH780_CONTROL_REGISTERS
			RH780_MAPPING_REGISTER
			RKDISK
			RKDISK_QIO
			RLDISK
			RLDISK_QIO
			RXDISK
			RXDISK_QIO
			TUTAPE
			TUTAPE_QIO
			VECMAPREG
LIB$INDEX	000104E4-RX	LIBRTL	RLDISK
LIB$LOCC	000104E8-RX	LIBRTL	MASSDISK
LINCHK	00010494-RX	ERFSHR	DQDISKS
			MASSDISK
			MBA_CONTROL_REGISTERS
			MBA_MAPPING_REGISTER
			ML11
			OUTPUTD
			RH750_CONTROL_REGISTERS
			RH750_MAPPING_REGISTER
			RH780_CONTROL_REGISTERS
			RH780_MAPPING_REGISTER
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
			VECMAPREG
MASSDISK	0000A2B4-RU	MASSDISK	ERFDISKVECT
MBA_CONTROL_REGISTERS	0000F518-R	MBA_CONTROL_REGISTERS	MASSDISK
			ML11
MBA_MAPPING_REGISTER	0000F60C-R	MBA_MAPPING_REGISTER	MASSDISK
			ML11
MBA_STATUS_REGISTER16_31	0000F6F8-R	MBA_STATUS_REGISTER16_31	MASSDISK
			ML11
ML11	0000BA68-RU	ML11	ERFDISKVECT
ML11_QIO	0000C500-R	ML11_QIO	ML11
ORB$[_OWNER	00010474-RX	ERFSHR	DQDISKS
			MASSDISK

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EXE
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pse

Symbol	Value	Defined By	Referenced By ...
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
OUTPUT	00010490-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RH750_CONTROL_REGISTERS
			RH750_STATUS_REGISTER16_31
			RH780_CONTROL_REGISTERS
			RH780_STATUS_REGISTER16_31
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
			VECMAPREG
OUTPUTD	0000F77C-R	OUTPUTD	MASSDISK
RH750_CONTROL_REGISTERS	0000FC68-R	RH750_CONTROL_REGISTERS	MBA_CONTROL_REGISTERS
RH750_MAPPING_REGISTER	0000FF9C-R	RH750_MAPPING_REGISTER	MBA_MAPPING_REGISTER
RH750_STATUS_REGISTER16_31	000100B4-R	RH750_STATUS_REGISTER16_31	MBA_STATUS_REGISTER16_31
			RH750_CONTROL_REGISTERS
RH780_CONFIGURATION_REGISTER	0001044C-RX	ERFSHR	RH780_CONTROL_REGISTERS
RH780_CONTROL_REGISTERS	0000F7D4-R	RH780_CONTROL_REGISTERS	MBA_CONTROL_REGISTERS
RH780_MAPPING_REGISTER	0000FB20-R	RH780_MAPPING_REGISTER	MBA_MAPPING_REGISTER
RH780_STATUS_REGISTER16_31	0000FC38-R	RH780_STATUS_REGISTER16_31	MBA_STATUS_REGISTER16_31
			RH780_CONTROL_REGISTERS
RKDISK	0000C638-RU	RKDISK	ERFDISKVECT
RKDISK_QIO	0000D174-R	RKDISK_QIO	RKDISK
RLDISK	0000D29C-RU	RLDISK	ERFDISKVECT
RLDISK_QIO	0000DB70-R	RLDISK_QIO	RLDISK
RXDISK	0000DC6C-RU	RXDISK	ERFDISKVECT
RXDISK_QIO	0000E6A0-R	RXDISK_QIO	RXDISK
TUTAPE	0000E784-RU	TUTAPE	ERFDISKVECT
TUTAPE_QIO	0000F434-R	TUTAPE_QIO	TUTAPE
UBA_DATAPATH	00010488-RX	ERFSHR	DQDISKS
			RKDISK
			RLDISK
			RXDISK
UBA_MAPPING	00010480-RX	ERFSHR	DQDISKS
			RKDISK
			RLDISK
			RXDISK
UCB$B_ERTCNT	0001047C-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
UCB$B_ERTMAX	00010478-RX	ERFSHR	DQDISKS
			MASSDISK

Symbol	Value	Defined By	Referenced By ...
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
UCBSL_CHAR	00010470-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
UCBSL_MEDIA	00010460-RX	ERFSHR	DQDISKS
			MASSDISK
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
UCBSL_OPCNT	00010468-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
UCBSW_ERRCNT	00010464-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
UCBSW_STS	0001046C-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
VECMAPREG	00010114-R	VECMAPREG	DQDISKS

+-------------------+
! Symbols By Value !
+-------------------+

Value   Symbols...
-----   ----------
00000000   R-DISKINIT
00009400   R-ERFDSKINI
00009414   R-DBDRIVER_QIO
0000954C   R-DRDRIVER_QIO
00009684   R-DQDISKS
0000A1B4   R-DQDISKS_QIO
0000A2B4   R-MASSDISK
0000BA68   R-ML11
0000C500   R-ML11_QIO
0000C638   R-RKDISK
0000D174   R-RKDISK_QIO
0000D29C   R-RLDISK
0000DB70   R-RLDISK_QIO
0000DC6C   R-RXDISK
0000E6A0   R-RXDISK_QIO
0000E784   R-TUTAPE
0000F434   R-TUTAPE_QIO
0000F518   R-MBA_CONTROL_REGISTERS
0000F60C   R-MBA_MAPPING_REGISTER
0000F6F8   R-MBA_STATUS_REGISTER16_31
0000F77C   R-OUTPUTD
0000F7D4   R-RH780_CONTROL_REGISTERS
0000FB20   R-RH780_MAPPING_REGISTER
0000FC38   R-RH780_STATUS_REGISTER16_31
0000FC68   R-RH750_CONTROL_REGISTERS
0000FF9C   R-RH750_MAPPING_REGISTER
000100B4   R-RH750_STATUS_REGISTER16_31
00010114   R-VECMAPREG
00010448   RX-COMPRESSF
0001044C   RX-RH780_CONFIGURATION_REGISTER
00010450   RX-IRPSQ_IOSB
00010454   RX-IRPSL_PID
00010458   RX-IRPSW_BOFF
0001045C   RX-IRPSW_BCNT
00010460   RX-UCBSL_MEDIA
00010464   RX-UCBSW_ERRCNT
00010468   RX-UCBSL_OPCNT
0001046C   RX-UCBSW_STS
00010470   RX-UCBSL_CHAR
00010474   RX-ORBSL_OWNER
00010478   RX-UCBSB_ERTMAX
0001047C   RX-UCBSB_ERTCNT
00010480   RX-UBA_MAPPING
00010484   RX-CALC_MAP2
00010488   RX-UBA_DATAPATH
0001048C   RX-CALC_MAP
00010490   RX-OUTPUT
00010494   RX-LINCHK
00010498   RX-DHEAD1

Value	Symbols...
-----	----------
0001049C	RX-FRCTOF
000104A0	RX-COMPRESSC
000104A4	RX-COMPRESS4
000104A8	RX-IRP$W_FUNC
000104B4	RX-FOR$IO_F_R
000104B8	RX-FOR$INI_DES1_R2
000104BC	RX-FOR$IO_B_R
000104C0	RX-FOR$IO_W_R
000104C4	RX-FOR$WRITE_SF
000104C8	RX-FOR$IO_T_DS
000104CC	RX-FOR$IO_L_V
000104D0	RX-FOR$IO_L_R
000104D4	RX-FOR$IO_END
000104E0	RX-LIB$EXTV
000104E4	RX-LIB$INDEX
000104E8	RX-LIB$LOCC
000104EC	RX-LIB$EXTZV

```
Key for special characters above:
        +---------------------+
        ! *  - Undefined      !
        ! U  - Universal      !
        ! R  - Relocatable    !
        ! X  - External       !
        +---------------------+
```

```
+------------------+
! Image Synopsis !
+------------------+
```

Virtual memory allocated: 00000000 000121FF 00012200 (74240. bytes, 145. pages)
Stack size: 0. pages
Image header virtual block limits: 1. 1. (1. block)
Image binary virtual block limits: 2. 74. (73. blocks)
Image name and identification: ERFDISK_V04-000
Number of files: 7.
Number of modules: 33.
Number of program sections: 19.
Number of global symbols: 934.
Number of cross references: 362.
Number of image sections: 20.
User transfer address: 00000000
Number of address fixups: 1744.
Number of code references to shareable images: 38.
Image type: PIC, SHAREABLE. Global Section Match=LESS/EQUAL, Ident, Major=1, Minor=0
Map format: FULL WITH CROSS REFERENCE in file _255DUA28:[ERF.LIS]ERFDISK.MAP;1
Estimated map length: 187. blocks

```
+------------------------+
! Link Run Statistics !
+------------------------+
```

Performance Indicators	Page Faults	CPU Time	Elapsed Time
Command processing:	153	00:00:01.40	00:00:02.14
Pass 1:	225	00:00:02.12	00:00:10.44
Allocation/Relocation:	40	00:00:00.22	00:00:00.88
Pass 2:	208	00:00:04.85	00:00:14.59
Map data after object module synopsis:	16	00:00:01.30	00:00:02.45
Symbol table output:	4	00:00:00.04	00:00:01.17
Total run values:	646	00:00:09.93	00:00:31.67

Using a working set limited to 1350 pages and 559 pages of data storage (excluding image)

Total number object records read (both passes): 809
of which 364 were in libraries and 100 were DEBUG data records containing 7030 bytes

Number of modules extracted explicitly = 28
with 0 extracted to resolve undefined symbols

0 library searches were for symbols not in the library searched

A total of 5 global symbol table records was written

LINK/USERLIB=PROC/NOTRACE/MAP=MAP$:ERFDISK/FULL/CROSS/SHARE=EXE$:ERFDISK LIB$:ERF/INCLUDE=(ERFDISKVECT,ERFDSKINI,DBDRIVER_QIO,DRDRIV
ER_QIO,DQDISKS,DQDISKS_QIO,MASSDISK,ML11,ML11_QIO,RKDISK,RKDISK_QIO,RLDISK,RLDISK_QIO,RXDISK,RXDISK_QIO,TUTAPE,TUTAPE_QIO),COM$:MBA/
OPT,PSECTATTR/OPT
LIB$:ERF/include=(mba_control_registers, mba_mapping_register, -
mba_status_register16_31, outputd, rh780_control_registers, -
rh780_mapping_register, rh780_status_register16_31, rh750_control_registers, -
rh750_mapping_register, rh750_status_register16_31, vecmapreg)
EXE$:erfshr.exe/share

```
EXE$:erfcommon.exe/share
gsmatch=lequal,1,0
psect_attr=$blank,noshr
psect_attr=$pdata,noshr
psect_attr=$code,noshr
psect_attr=devchar,noshr
psect_attr=dr32,noshr
psect_attr=emb,noshr
psect_attr=erfcom,noshr
psect_attr=mode,noshr
psect_attr=mrd,noshr
psect_attr=opcode,noshr
psect_attr=qiocommon,noshr
psect_attr=sa,noshr
psect_attr=syecom,noshr
psect_attr=trans_addr,noshr
psect_attr=tables,noshr
psect_attr=_lib$code,noshr
psect_attr=_img$code,noshr
```

EXE

Mod

MSC
MSC
MSC
MSC
MSC
MSC
MSC

VAXLOAD
LIS

ERFBRIEF
MAP

ERFPROC1
MAP

ERFDISK
MAP

ERFBUS
MAP

ERFINICOM
MAP

ERFCOMMON
MAP

VAXSTATUS
LIS

ENCRYP   ERF

ENCSTUBS   ERF
LIS   MAP

ERFPROC2
MAP

VAXSTRING
LIS